



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Alex Chenchik

Serial No.: 10/658,632

Filed: 9/8/03

For: METHODS FOR GENE  
FUNCTION ANALYSIS

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Confirmation No.: 6082

Group Art Unit: 1645

Examiner: Unknown

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Alexandria, VA 22313-1450

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37 CFR 1.8

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Esther Marques  
Esther Marques

Dear Sir:

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The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. /

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Forms PTO-SB8A AND SB8B.

While we believe that no fee is due, if the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No.: 20-0782 (Order No. SBIO/0002/SB).

Respectfully submitted,



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 5

Application Number	10/658,632
Filing Date	9/8/03
First Named Inventor	Alex Chenchik
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	SBIO/0002/SB
Submission Date	February 17, 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/ADS/	A1	US-2001/0008771-A1	07/19/2001	Seibel et al.	
/ADS/	A2	US-2002/0086356-A1	07/04/2002	Tuschle et al.	
/ADS/	A3	US-2002/0162126-A1	10/31/2002	Beach et al.	
/ADS/	A4	US-2003/0224055-A1	12/04/2003	Lewis et al.	
/ADS/	A5	US-2003/0224345-A1	12/04/2003	West et al.	
/ADS/	A6	US-2003/0224432-A1	12/04/2003	Myers et al.	
/ADS/	A7	US-6,489,127-B1	12/03/2002	Exelkis, Inc.	
/ADS/	A8	US-6,506,559-B1	01/14/2003	Carnegie Institute of Washington	
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/ADS/	A11	US-6,573,099-B2	06/03/2003	Benitec Australia, Ltd.	
	A12				
	A13				
	A14				
	A15				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Number-Kind Code <sup>2</sup> (if known)				
/ADS/	B1	EP-1144623-B1	08/17/2000	Ribopharma AG		X Abstract Only
/ADS/	B2	WO-01/75164-A2	10/11/2001	Tuschl et al.		
/ADS/	B3	WO-02/055693-A2	07/18/2002	Kreutzer et al.		X Abstract Only
/ADS/	B4	WO-02/44321-A2	06/06/2002	Tuschl et al.		
/ADS/	B5	WO-03/006477-A1	01/23/2003	Zamore et al.		
/ADS/	B6	WO-03/022052-A1	03/20/2003	Baltimore et al.		

Examiner /Amber D. Steele/

Date Considered 09/19/2008

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 5

Application Number	10/658,632
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First Named Inventor	Alex Chenchik
Group Art Unit	1645
Examiner Name	Unknown
Attorney Docket Number	SBIO/0002/SB
Submission Date	February 17, 2004

## NON PATENT LITERATURE DOCUMENTS

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/ADS/	1	Michiels, Frits et al. "Arrayed adenoviral expression libraries for functional screening." <u>Nature Biotechnology</u> . November 2002 20: 1154-1157.	
/ADS/	2	"BD Retro-X™ Q Vectors New self-inactivating vectors engineered to produce higher titers." <u>Clontechniques</u> . July 2002 2 pages	
/ADS/	3	Reddy, Ram et al. "The Capped U6 Small Nuclear RNA is Transcribed by RNA Polymerase III." <u>The Journal of Biological Chemistry</u> . January 1987 262(1): 75-81.	
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	5	<del>Jensen, Allen. "A combinatorial cell-based approach, CellScreen™, for target identification." citation requires additional information</del>	
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Sheet 3

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Application Number	10/658,632
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First Named Inventor	Alex Chenchik
Group Art Unit	1645
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Attorney Docket Number	SBIO/0002/SB
Submission Date	February 17, 2004

## NON PATENT LITERATURE DOCUMENTS

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	13	<del>Robinson, Igor B. et al. "Genetic Suppressor Elements in the Characterization and Identification of Tumor Suppressor Genes." <u>Methods in Molecular Biology</u>. 222: 411-434.</del>	
/ADS/	14	Reed, Ken C. "High throughput target identification and validation <i>in vitro</i> and <i>in vivo</i> ." <u>RNAi 2003 Boston Meeting Proceedings</u> . May 2003 1 page, abstract only	
/ADS/	15	Kawasaki, Hiroaki et al. "Identification of genes that function in the TNF- $\alpha$ -mediated apoptotic pathway using randomized hybrid ribozyme libraries." <u>Nature Biotechnology</u> . April 2002 20: 376-380.	
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/ADS/	17	Qin, Xiao-Feng et al. "Inhibiting HIV-1 infection in human T cells by lentiviral-mediated delivery of small interfering RNA against CCR5." <u>PNAS</u> . January 2003 100(1): 183-188.	
/ADS/	18	Walhout, Albertha J.M. et al. "Integrating Interactome, Phenome, and Transcriptome Mapping Data for the <i>C. elegans</i> Germline." <u>Current Biology</u> . November 2002 12: 1952-1958.	
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/ADS/	21	Stewart, Sheila A. et al. "Lentivirus-delivered stable gene silencing by RNAi in primary cells." <u>RNA</u> . 2003 9:493-501.	
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/ADS/	23	Shumyatsky, Gleb et al. "Methylphosphate cap structure increases the stability of 7SK, B2 AND U6 small RNAs in <i>Xenopus</i> oocytes." <u>Nucleic Acids Research</u> . 1993 21(20): 4756-4761.	
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Attorney Docket Number	SBIO/OOO2/SB
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/ADS/	25	Singh, Ravinder et al. "γ-Monomethyl phosphate: A cap structure in spliceosomal U6 small nuclear RNA." <u>Proc. Natl. Acad. Sci.</u> November 1989 86: 8280-8283.	
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/ADS/	36	Kunkel, Gary R. et al. "U6 small nuclear RNA is transcribed by RNA polymerase III." <u>Proc. Natl. Acad. Sci.</u> November 1986 83:8575-8579.	

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First Named Inventor

Alex Chenchik

### Group Art Unit

1645

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